Listing of Claims:

1. (Previously Presented) A system for communication between a first computer terminal of a private Internet Protocol (IP) network and a second computer terminal of a public IP network, said communications system comprising:

    a network boundary equipment;

    a mediation system in the private IP network that is associated with the first computer terminal, said mediation system being configured to make an IP interface available to the second terminal via a service port of the mediation system; and

    a control server in the public IP network, said control server being operable to configure and control said mediation system via a communications tunnel established through said network boundary equipment using the service port of the mediation system.

2. (Previously Presented) The communications system according to claim 1, wherein said IP interface comprises a Transmission Control Protocol User Datagram Protocol IP (TCP/UDP/IP) interface.

3. (Previously Presented) The system according to claim 2, wherein said communications channel comprises a TCP channel operable to transmit TCP or UDP packets arriving at an internal interface of the mediation system.

4. (Previously Presented) The system according to claim 3, wherein the mediation system is operable to relay a packet received at a receiver port opened beforehand by the control server, indicating an identifier of the receiver port, an IP address and the number of a sending port and the received packet.

5. (Previously Presented) The system according to claim 2, wherein the mediation system is operable to relay a packet received at a receiver port opened beforehand by the control server, indicating an identifier of the receiver port, an IP address and the number of a sending port and the received packet.

6. (Previously Presented) The system according to claim 1, wherein the mediation system is operable to relay a packet received at a receiver port opened beforehand by the control server, indicating an identifier of the receiver port, an IP address and number of a sending port and the received packet.